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Product datasheet for RC200310L3V

STUB1 (NM_005861) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STUB1 (NM_005861) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STUB1
Synonyms:	CHIP; HSPABP2; NY-CO-7; SCA48; SCAR16; SDCCAG7; UBOX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005861
ORF Size:	909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200310).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005861.2
RefSeq Size:	1650 bp
RefSeq ORF:	912 bp
Locus ID:	10273
UniProt ID:	Q9UNE7
Cytogenetics:	16p13.3
Domains:	TPR, U-box
Protein Families:	Druggable Genome

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Protein Pathways: Ubiquitin mediated proteolysis

MW: 34.9 kDa

Gene Summary: This gene encodes a protein containing tetratricopeptide repeat and a U-box that functions as a ubiquitin ligase/cochaperone. The encoded protein binds to and ubiquitinates shock cognate 71 kDa protein (Hspa8) and DNA polymerase beta (Polb), among other targets. Mutations in this gene cause spinocerebellar ataxia, autosomal recessive 16. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 2. [provided by RefSeq, Jun 2014]